

Product datasheet for RN205672

Rapgef6 (NM_001107003) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rapgef6 (NM_001107003) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rapgef6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205672 representing NM_001107003 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACTCGCCCGTGGACCCTGGCGCTCGGCAGGCACTGAGGAAGAAGCCGCCGGAGCGGACTCCTGAGG
ACTTAAATATTATTTATTCCTATCTCCATGGGATGGAAATACTATCAAACCTCAGGGAGCATCAGCTTAG
GTTAATGTCTACAAGAGCAGCCTATGAGAGATAACAATGGCAATCAAATGCTTTTTTGTTCAGAACTATT
GCCAGATGTTGGTATATCCTGCTTCTGGATCTGTACTTGTAAAAGATTCTATGGTCTTCTCCTCTGCA
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TTTGCGAACATGACCATGTCTGTAAGGAGAGAGCTCTGCTCTGTCATGATTTTTGAAGTAGTAGCAGG
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AGGACTATTGGAGAATTTAAATCATGTTGAAAAAACACCCATAAAGTTGAGGAAGAGGGAGAAAATCGT
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CCGTGAGTCCCCGCTACACTTCAGCCTCACGGGAGGCAGCGAGAAGGGATTTGGTGTCTTTGTAGAAGTA
 GTGGAGCCTGGTACCAAAGCTGCTGACGCAGGACTGAAACGGGGTGATCAGATAATGGAAGTCAATGGGC
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 GACACAGAGGAGGAGAAGTTCAGATGATGCTACTGCAGTGGGAGCCTGCATATGGTACCTTGACAAAGA
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 AGCTAAAGTCCACTTGCACCAGCCACACAGAGTGAGCCAGGTGCTTCAGGTGCCAGCAGTAACTTGAC
 CCCATCCGGAAGAAAGGACAAACCAGAGACCATGTGCTGAGTACAAATTTACCTCAGAAAGGTTTAGGAC
 CAACTGAAGAAGTGAGTGGTAAGAAACACACAGAAGATACTATTCTGTAGCGTCTCTACACTCTAG
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 GGAAAAGACAGATCACCTTCGGGGATCTCAGACCACAGTCAAGTTCACGGGTGGATGCTGTCAAAG
 CCATCTCTTATCAAGGGCGTAGCCGTCTCGTCTTCTGAGCAGCGAAGAGATGTCTCAGGAGCATGTTG
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 GAGCCTCAGAATCAAAAGAGCTGGGACTTTCTGAACTCTACAGACACACGCATCTAGGCGACCCTATT
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 GCAAAGGCAGCCTAGAGACGAACCAGCTGAGGCAGAGTTGGCCCTCATCCAGCTCACTGTCTGACACGTG
 GGAACCAAACACGGGACAGTCAAGCGGAGGGTTTTGAAAAGTACACCAGCAGAGGCACCTGATGGCTTG
 GAGCCCAGGGATACCAAGTACCCCGTTTATAAACTGTCACTTCCAGTACAGACAAGGGCTTGATTGTGT
 ACTGTGTACCTCACCAAGAAAGGTGATAGGCATAGGGAGCCACCTCCCCTCCTCCAGGATATCTGGG
 AATTTCTTAGCGGACCTAAAGGAAGGATCCCACCCGACCTAAAACCTCCAGACTATAGTGTGGCAGTA
 CAAAGATCAAAGATGATGCTTCTAACAGCCTGTCTAGACTGCCGCCAGCTCCTCCAGTAGCCACACCT
 CGGCCTGGGTTCCCTCGAAGATCGGATCCAGCCTCAAAGGCATAGCTTGACGCCGTCATCCCAAAT
 AGCAGATGTGGCTGATGCAGATAGCGAAGCAGATGAGAATGAGCAGGTGTCAGCAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107003

Insert Size:	4821 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001107003.1, NP_001100473.1</u>
RefSeq Size:	5996 bp
RefSeq ORF:	4821 bp
Locus ID:	303141
Cytogenetics:	10q22